

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	38279	((N) or (amino)) adj (terminus or termini or terminal)	USPAT	OR	OFF	2006/04/05 17:12
L2	10	I1 near6 streptokinase	USPAT	OR	OFF	2006/04/05 17:12
L3	102	I1 near6 flexible	USPAT	OR	OFF	2006/04/05 17:13
L4	0	I2 and I3	USPAT	OR	OFF	2006/04/05 17:13

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NEWS 4	DEC 23	New IPC8 SEARCH, DISPLAY, and SELECT fields in
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		USPAT2
NEWS 5	JAN 13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB
NEWS 6	JAN 13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements
added to		
		INPADOC
NEWS 7	JAN 17	Pre-1988 INPI data added to MARPAT
NEWS 8	JAN 17	IPC 8 in the WPI family of databases including WPIFV
NEWS 9	JAN 30	Saved answer limit increased
NEWS 10	JAN 31	Monthly current-awareness alert (SDI) frequency
		added to TULSA
NEWS 11	FEB 21	STN AnaVist, Version 1.1, lets you share your STN
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		visualization results
NEWS 12	FEB 22	Status of current WO (PCT) information on STN
NEWS 13	FEB 22	The IPC thesaurus added to additional patent
databases on STN		
NEWS 14	FEB 22	Updates in EPFULL; IPC 8 enhancements added
NEWS 15	FEB 27	New STN AnaVist pricing effective March 1, 2006
NEWS 16	FEB 28	MEDLINE/LMEDLINE reload improves functionality
NEWS 17	FEB 28	TOXCENTER reloaded with enhancements
NEWS 18	FEB 28	REGISTRY/ZREGISTRY enhanced with more experimental
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		property data
NEWS 19	MAR 01	INSPEC reloaded and enhanced
NEWS 20	MAR 03	Updates in PATDPA; addition of IPC 8 data without
attributes		
NEWS 21	MAR 08	X.25 communication option no longer available after
June 2006		

NEWS 22 MAR 22 EMBASE is now updated on a daily basis
 NEWS 23 APR 03 New IPC 8 fields and IPC thesaurus added to
 PATDPAFULL
 NEWS 24 APR 03 Bibliographic data updates resume; new IPC 8 fields
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 NEWS 25 APR 04 STN AnaVist \$500 visualization usage credit offered

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 AND CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.
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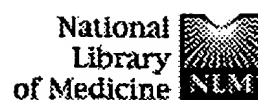
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L1      408080 (N OR AMINO) (W) (TERMINUS OR TERMINI OR TERMINAL)
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```
=> s l1 (6A) streptokinase
L2      67 L1 (6A) STREPTOKINASE
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L3      1062 L1 (6A) FLEXIBLE
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=> s l2 and l3
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Streptokinase is a flexible multi-domain protein.

Damaschun G, Damaschun H, Gast K, Gerlach D, Misselwitz R, Welfle H, Zirwer D.

Max-Delbrück-Zentrum für Molekulare Medizin, Berlin-Buch,
Federal Republic of Germany.

The structure of streptokinase in solution has been studied by dynamic light scattering, small-angle X-ray scattering and circular dichroism spectroscopy. The Stokes' radius and radius of gyration of the protein monomer are 3.58 nm and 4.03 nm, respectively. The maximum intraparticle distance of the molecule is 14 nm. More than half of the amino acids of the molecule are organized in regular secondary structures. The X-ray scattering curve, the results from dynamic light scattering, and the finding that at least 50% of the amino acid residues are organized in regularly folded secondary structures are consistent with the following structural model. Streptokinase consists of four compact, separately folded, domains linked by mobile segments of the protein chain. The molecule exhibits the conformation of a flexible string-of-beads in solution.

PMID: 1313757 [PubMed - indexed for MEDLINE]

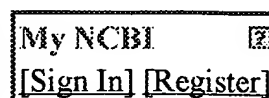
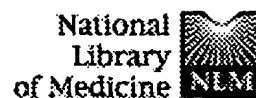
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EAST Search History

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L1	20555	((fusion or chimeric) adj (protein)) or chimera	USPAT	OR	OFF	2006/04/05 15:42
L2	1574	(both near4 (N-terminal or N-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L3	1437	(both near4 (C-terminal or C-terminus))	USPAT	OR	OFF	2006/04/05 15:43
L4	22	l1 near8 l2	USPAT	OR	OFF	2006/04/05 15:43
L5	28	l1 near8 l3	USPAT	OR	OFF	2006/04/05 15:44
L6	14	l4 and l5	USPAT	OR	OFF	2006/04/05 15:44
L7	13	l6 and (target or targeting or targeted)	USPAT	OR	OFF	2006/04/05 15:44



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Microbiol Immunol. 1995;39(12):1015-9.
PMID: 8789063 [PubMed - indexed for MEDLINE]☐ 162: Zhang H, Komano H, Fuller RS, Gandy SE, Frail DE. Related Articles, LinksProteolytic processing and secretion of human beta-amyloid precursor protein in yeast. Evidence for a yeast secretase activity.
J Biol Chem. 1994 Nov 11;269(45):27799-802.
PMID: 7961704 [PubMed - indexed for MEDLINE]☐ 163: Lue RA, Marfatia SM, Branton D, Chishti AH. Related Articles, LinksCloning and characterization of hdlg: the human homologue of the Drosophila discs large tumor suppressor binds to protein 4.1.
Proc Natl Acad Sci U S A. 1994 Oct 11;91(21):9818-22.
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J Biol Chem. 1994 Jun 17;269(24):16909-19.
PMID: 8207013 [PubMed - indexed for MEDLINE]☐ 165: Zdanovsky AG, Zdanovskaia MV, Sidorov AV, Malyushova VV, Zverev VV, Andzhaparidze OG, Debabov VG. Related Articles, LinksConstruction and expression in Escherichia coli of hybrid genes composed of sequences encoding diphtheria toxin and human CD4 receptor.
Gene. 1994 Feb 11;139(1):77-81.
PMID: 8112592 [PubMed - indexed for MEDLINE]☐ 166: Hawn TR, Tom TD, Strand M. Related Articles, LinksMolecular cloning and expression of SmIrV1, a Schistosoma mansoni antigen with similarity to calnexin, calreticulin, and OvRat1.
J Biol Chem. 1993 Apr 15;268(11):7692-8.

PMID: 8463298 [PubMed - indexed for MEDLINE]

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Molecular cloning and characterization of two genes encoding gp138, a cell surface glycoprotein involved in the sexual cell fusion of Dictyostelium discoideum.

Dev Biol. 1993 Mar;156(1):201-8.

PMID: 7680629 [PubMed - indexed for MEDLINE]

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In vitro assembly of apophytochrome and apophytochrome deletion mutants expressed in yeast with phycocyanobilin.

Proc Natl Acad Sci U S A. 1991 Dec 1;88(23):10392-6.

PMID: 1961705 [PubMed - indexed for MEDLINE]

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Membrane topology analysis of Escherichia coli mannitol permease by using a nested-deletion method to create mtIA-phoA fusions.

Proc Natl Acad Sci U S A. 1991 Nov 1;88(21):9603-7.

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- ☐ 170: [Parente MG, Chung LC, Ryyanen J, Woodley DT, Wynn KC, Bauer EA, Mattei MG, Chu ML, Uitto J.](#) [Related Articles, Links](#)



Human type VII collagen: cDNA cloning and chromosomal mapping of the gene.

Proc Natl Acad Sci U S A. 1991 Aug 15;88(16):6931-5.

PMID: 1871109 [PubMed - indexed for MEDLINE]

- ☐ 171: [Smith AD, Wilson JE.](#) [Related Articles, Links](#)



Disposition of mitochondrially bound hexokinase at the membrane surface, deduced from reactivity with monoclonal antibodies recognizing epitopes of defined location.

Arch Biochem Biophys. 1991 Jun;287(2):359-66.

PMID: 1716867 [PubMed - indexed for MEDLINE]

- ☐ 172: [Kim SC, Posfai G, Szybalski W.](#) [Related Articles, Links](#)



A novel gene-fusing vector: construction of a 5'-GGmCC-specific chimeric methyltransferase, M.BspRI/M.BsuRI.

Gene. 1991 Apr;100:45-50.

PMID: 1647357 [PubMed - indexed for MEDLINE]

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Biochemical and genetic analysis of a maltopentaose-producing amylase from an alkaliphilic gram-positive bacterium.

Eur J Biochem. 1990 Jul 20;191(1):177-85.

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The replication initiator protein of plasmid R6K tagged with beta-galactosidase



shows sequence-specific DNA-binding.

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